

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13T		Page 1 of 6
Title: Commodity Specific Requirements for Sweet Corn		
Revision: 2	Replaces: 01/01/02	Effective: 06/01/02

1. Purpose:

To provide a listing of PDP identified required compounds for sweet corn.

2. Scope:

This standard operating procedure shall be followed by all laboratories analyzing sweet corn for PDP. This SOP shall be used in conjunction with QC-13 which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

3. Outline of Procedure:

- 5.1 Compounds Required for Sweet Corn Multi Residue Screens
- 5.2 Required Selected/Single Residue Screens for Sweet Corn
- 5.3 Marker Pesticides for Sweet Corn Multi and Selected/Single Residue Screens

4. References:

- PDP Program Plan July – December 2002
- PDP 2000-2001 Program Planning Meeting, April 26, 2000
- SOP PDP-QC-13, “Required Compounds, Commodity Groups, and Marker Pesticides”
- Pesticide Chemical News Guide
- Federal/State Meeting, October 26-28, 1999

5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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5.1 Compounds Required for Sweet Corn Multi Residue Screens

Sweet Corn Compound	Reported As	Pest Code
3-Hydroxycarbofuran		512
Acephate		204
Alachlor		227
Ametryn ¹		156
Atrazine		305
Bifenthrin		930
Butylate		783
Captan		011
Carbaryl		102
Carbofuran		180
Carboxin		210
Chlorethoxyfos		A15
Chlorothalonil ¹		164
Chlorpyrifos		160
Cyanazine ¹		228
Cyfluthrin		781
DCPA		134
DDE	DDE o,p'	911
	And/or DDE p,p'	910
	Or DDE (total combined)	300
Diazinon		024
Diazinon O-analog		395
Dichlorvos (DDVP)		338
Dieldrin		028
Difenoconazole ²		ABK
Dimethenamid ²		ADD
Dimethomorph ¹		ABE
Disulfoton		117

1 Required only on samples received by CA1 from CA and MD. Analysis by TX1 on samples received from CO, FL, MI, NY, OH, TX, WA, and WI is not required.

2. Required only on samples received by TX1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on samples received from CA and MD is not required.

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Sweet Corn Compound	Reported As	Pest Code
Disulfoton sulfone		216
Endosulfan I		900
Endosulfan II		901
Endosulfan sulfate		902
Ethoprop		175
Fenvalerate/Esfenvalerate	Fenvalerate	546
	And Esfenvalerate	714
	Or Fenvalerate (total combined)	546
Fludioxonil		B23
Fluridone		736
Fonofos		163
Heptachlor epoxide		143
Lambda cyhalothrin		A39
Lindane		050
Linuron ¹		129
Malathion		052
Malathion O-analog		208
Metalaxyl		607
Methamidophos		170
Methomyl		159
Methoxychlor	Methoxychlor p,p'	275
	Or Methoxychlor (total combined)	055
Metolachlor		283
Metribuzin		181
Myclobutanil		679
Nitrapyrin		725
o-Phenylphenol		083
Oxydemeton methyl sulfone		245
Parathion		065
Parathion O-analog		370
Pendimethalin		230
 Permethrin	 Permethrin cis	 222

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Sweet Corn Compound	Reported As	Pest Code
	And Permethrin trans	223
	Or Permethrin (total combined)	539
Phorate		148
Phorate sulfone		189
Phosmet		165
Piperonyl butoxide		070
Pirimiphos methyl		562
Propargite		623
Propiconazole		264
Resmethrin		556
Simazine		149
Tefluthrin		B26
Terbufos		205
Terbufos sulfone		963
Triadimenol ¹		638
Vernolate		201

5.2 Marker Pesticides for Sweet Corn Multi Residue Screens

Carbaryl	DDE p,p'	Diazinon
Endosulfan I	Methamidophos	Methomyl
Permethrin	Propargite	

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05/15/02

Date _____

05/21/02

Date

05/21/02

Date

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Revision 2

April 2002

Monitoring Programs Office

- Exempted TX1 from chlorothalonil testing requirements